

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted With Initial Filing **OR** ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 91436-290

First Named Inventor Ernst A. Munter

**COMPLETE IF KNOWN**

Application Number n/a

Filing Date n/a

Art Unit n/a

Examiner Name n/a

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIGH THROUGHPUT ROTATOR SWITCH HAVING EXCESS TANDEM BUFFERS**

*(Title of the Invention)*

the specification of which

☒ is attached hereto

**OR**

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

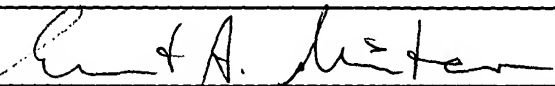
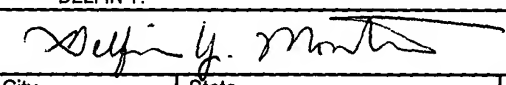
[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

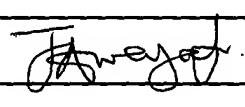
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: <span style="border: 1px solid black; padding: 2px;">22463</span> <b>OR</b> <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) ERNST A.		Family Name or Surname MUNTER	
Inventor's Signature 		Date 28 Aug 2003	
Residence: City Kanata	State Ontario	Country CANADA	Citizenship Canadian
Mailing Address 17 Stonecroft Terrace			
City Kanata	State Ontario	ZIP K2K 2V1	Country CANADA
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) DELFIN Y.		Family Name or Surname MONTUNO	
Inventor's Signature 		Date 28 Aug 2003	
Residence: City Kanata	State Ontario	Country Canada	Citizenship Canadian
Mailing Address 122 Knudson Drive			
City Kanata	State Ontario	ZIP K2K 2L8	Country CANADA
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> JAMES		<b>Family Name or Surname</b> AWEYA	
<b>Inventor's Signature</b> 		<b>Date</b> 28 Aug. 2003	
<b>Residence: City</b> Kanata	<b>State</b> ON	<b>Country</b> CANADA	<b>Citizenship</b> Canadian
<b>Mailing Address</b> 24 Stikine Dr.			
<b>Mailing Address</b>			
<b>City</b> Kanata	<b>State</b> ON	<b>ZIP</b> K2T 1H1	<b>Country</b> CANADA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b>		<b>Family Name or Surname</b>	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b>	<b>State</b>	<b>Country</b>	<b>Citizenship</b>
<b>Mailing Address</b>			
<b>Mailing Address</b>			
<b>City</b>	<b>State</b>	<b>ZIP</b>	<b>Country</b>
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b>		<b>Family Name or Surname</b>	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b>	<b>State</b>	<b>Country</b>	<b>Citizenship</b>
<b>Mailing Address</b>			
<b>Mailing Address</b>			
<b>City</b>	<b>State</b>	<b>ZIP</b>	<b>Country</b>

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

CUSTOMER NO. 22463  
(Nortel File No. 12748ROUS01U)

In Re Application of:  
MUNTER, Ernst A. et al

Serial No.: n/a

Filed: Herewith

Title: HIGH THROUGHPUT ROTATOR  
SWITCH HAVING EXCESS  
TANDEM BUFFERS

Attorney Docket No.: 91436-290

Group Art Unit: n/a

Examiner: n/a

Commissioner for Patents  
Washington, D.C. 20231

**POWER OF ATTORNEY FOR  
PATENT APPLICATION**

Nortel Networks Limited, a Canadian corporation having principal offices at:

**Nortel Networks Limited  
2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec H4S 2A9, Canada**

the owner by assignment of the entire right, title and interest to the invention for **HIGH THROUGHPUT ROTATOR SWITCH HAVING EXCESS TANDEM BUFFERS**, by Ernst A. MUNTER, Delfin Y. MONTUNO, and James AWEYA, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, by virtue of the assignment:

- ☒ Recorded Concurrently Herewith  
☐ Recorded on  
☐ Recorded at Reel      Frame  
☐ Copy Attached

hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

JOHN R. MORRISSEY (Reg. No. 28,585)  
GUNARS GAIKIS (Reg. No. 32, 811)  
RONALD D. FAGGETTER (Reg. No. 33,345)  
KELTIE R. SIM (Reg. No. 34,535)  
ALISTAIR G. SIMPSON (Reg. No. 37,040)  
YOON KANG (Reg. No. 40,386)  
MATTHEW ZISCHKA (Reg. No. 41,575)

**PLEASE SEND CORRESPONDENCE  
TO:**

**SMART & BIGGAR  
438 University Avenue  
Suite 1500, Box 111  
Toronto, Ontario  
M5G 2K8 CANADA**

2

In Re Application of:  
MUNTER, Ernst A. et al

Attention: Marhew Zischka

Telephone: (416) 593-5514  
Facsimile: (416) 591-1690

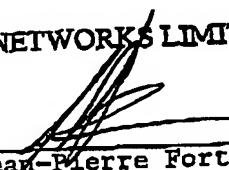
its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

September 8, 2003

Date

NORTEL NETWORKS LIMITED

  
Name: Jean-Pierre Fortin

Director, IP

Title